**Index of Claims** 

| Appli | cation | /Contr | ol No. |
|-------|--------|--------|--------|
|-------|--------|--------|--------|

10/043,918

Examiner

Jeffrey C. Pwu

Applicant(s)/Patent under Reexamination

PENDAKUR, RAMESH

Art Unit

2143

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |                            | _                  | <u> </u>     |              |                                     |          | 3  |              | Ц.                                     | L                 |  |  |  |  |
|----------|----------------------------|--------------------|--------------|--------------|-------------------------------------|----------|--|--------------|--|-------------------|--|--|--|--|
| Cla      | im                         | Т                  | Date         |              |                                     |          |  |              |  |                   |  |  |  |  |
| C16      |                            | 1                  | <u> </u>     | Γ            | Γ                                   | Tal      | Ť  | Γ            | Г                                      | Γ                 |  |  |  |  |
| ল        | Original                   | 片                  | 1            |              | İ                                   |          | 1  |              |  |                   |  |  |  |  |
| Final    | 'n                         | 4                  | 1            |              | į                                   |          |  | l            | 1                                      |                   |  |  |  |  |
|          | 0                          | 上了%                | 1            |              | l                                   |          |  |              |  |                   |  |  |  |  |
|          | 1                          | V                  |              |              |                                     |          |  |              |  |                   |  |  |  |  |
|          | 2<br>3<br>4<br>5<br>6<br>7 |                    |              |              |                                     | L        |  |              |  |                   |  |  |  |  |
|          | 3                          | Ц                  |              |              |                                     |          |  |              |  |                   |  |  |  |  |
|          | 4                          | Ц                  | <u> </u>     |              |                                     | L        | <u> </u>   | _            | _                                      | L                 |  |  |  |  |
| L        | 5                          | 1                  | 1            | <u> </u>     | <u> </u>                            | ↓_       |  | ļ            | <u> </u>                               | ļ                 |  |  |  |  |
|          | 6                          | <u> </u>           | ╙            | ⊢            | <u> </u>                            | ├-       | <del> </del> _                                   | ┞            | ▙                                      | <u> </u>          |  |  |  |  |
| <u> </u> | -                          | -                  | ┢            | H            | -                                   | -        | ┝  | ┢            | ┝                                      | H                 |  |  |  |  |
| _        | 8                          | ┢╌                 | ⊢            | ⊢            | -                                   | ⊢        | ├  | ├            | -                                      | ⊢                 |  |  |  |  |
| $\vdash$ | 10                         | $\vdash$           | ⊢            | ⊢            | -                                   | ├        | -  | -            | $\vdash$                               | -                 |  |  |  |  |
|          | 10<br>11                   | ┢                  | ┢            | ┢            | ┢                                   | ┢        | ┢  | ╁╌           | ╌                                      | ┢                 |  |  |  |  |
|          | 12                         | $\vdash$           | $\vdash$     | $\vdash$     |                                     | $\vdash$ | <del>                                     </del> | $\vdash$     | 1                                      |                   |  |  |  |  |
|          | 13                         | $\vdash$           | $\vdash$     | $\vdash$     | Т                                   | $\vdash$ | $\vdash$   | t            | $\vdash$                               |                   |  |  |  |  |
|          | 14                         |                    | <u> </u>     | <u> </u>     | _                                   | Г        |  |              |  |                   |  |  |  |  |
|          | 13<br>14<br>15             |                    |              |              |                                     |          |  |              |  |                   |  |  |  |  |
|          | 16<br>17<br>18<br>19<br>20 | V                  |              |              |                                     |          |  |              |  |                   |  |  |  |  |
|          | 17                         |                    |              |              |                                     |          |  |              |  |                   |  |  |  |  |
|          | 18                         | _                  | L            | L            | L                                   | L        | L  |              |  |                   |  |  |  |  |
|          | 19                         | <u>ب</u> را        | _            | <u> </u>     | _                                   | <u> </u> | $oxed{oxed}$                                     | L            | _                                      |                   |  |  |  |  |
|          | 20                         | Ц                  | _            | _            | _                                   | L        |  | <u> </u>     |  | $ldsymbol{f eta}$ |  |  |  |  |
|          | 21                         | Ш                  | _            | _            | <u> </u>                            | <u> </u> | <u> </u>   | ╙            | <u> </u>                               |                   |  |  |  |  |
|          | 21<br>22<br>23             | <b>H</b> -         | <u> </u>     | _            | _                                   | -        | <u> </u>   | <b>├</b>     | <u> </u>                               | _                 |  |  |  |  |
|          | 23                         | ₩-                 | -            | <del> </del> | ├-                                  | ⊢        | <u> </u>   | ┞            | <u> </u>                               | L                 |  |  |  |  |
| $\vdash$ | 24<br>25<br>26             | #-                 | <del> </del> | ⊢            | ⊢                                   | ⊢        | ├  | ⊢            | <del> </del>                           | -                 |  |  |  |  |
|          | 26                         | -                  | $\vdash$     | $\vdash$     | -                                   | ├        | $\vdash$   | -            | -                                      | _                 |  |  |  |  |
| $\vdash$ | 27                         | $\mathbb{Z}$       | $\vdash$     | ╁            | -                                   | ├        | ┢  | H            | ⊢                                      | -                 |  |  |  |  |
|          | 28                         | <b>-</b>           | -            | -            | -                                   | H        | H  | ╁            | $\vdash$                               |                   |  |  |  |  |
| $\vdash$ | 27<br>28<br>29             | ┢                  |              | <del> </del> | _                                   | ┢        | ┢  | ╁╴           | ┢                                      | -                 |  |  |  |  |
|          | 30                         | Г                  |              | _            | $\vdash$                            | Т        | 一  | 1            | $\vdash$                               |                   |  |  |  |  |
|          | 30<br>31                   | Г                  |              |              | Г                                   |          | $\vdash$   | T            | П                                      |                   |  |  |  |  |
|          | 32                         |                    |              |              |                                     |          |  |              |  |                   |  |  |  |  |
|          | 33                         |                    |              |              |                                     |          |  |              |  |                   |  |  |  |  |
|          | 34                         |                    |              |              |                                     |          |  |              |  |                   |  |  |  |  |
|          | 35                         | _                  | _            |              | L                                   | L        | <u> </u>   |              |  | Ш                 |  |  |  |  |
|          | 36<br>37                   | $ldsymbol{\sqcup}$ | لـــا        | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | _            | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | Ш                 |  |  |  |  |
|          | 37                         | <u> </u>           | <u> </u>     | <u> </u>     | <u> </u>                            | <u> </u> | <u> </u>   | ⊢-           | $\vdash$                               | Ш                 |  |  |  |  |
|          | 38<br>39                   | $\vdash$           | -            | -            | <u> </u>                            | <u> </u> | ├  | -            | <u> </u> -                             | Н                 |  |  |  |  |
|          | 40                         | H                  | H            | -            | ├-                                  | ├        | ├  | -            | $\vdash$                               | $\vdash$          |  |  |  |  |
|          | 41                         | $\vdash$           | -            | $\vdash$     | $\vdash$                            | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$                               | Н                 |  |  |  |  |
|          | 42                         | $\vdash$           | $\vdash$     | $\vdash$     | _                                   | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$                               | Н                 |  |  |  |  |
|          | 43                         |                    | $\vdash$     | Н            |                                     | -        | $\vdash$   | $\vdash$     | $\vdash$                               | H                 |  |  |  |  |
| $\neg$   | 44                         | П                  |              |              |                                     | Т        |  | <u> </u>     | Г                                      | П                 |  |  |  |  |
|          | 45                         | П                  | П            |              | Т                                   |          |  |              |  | $\Box$            |  |  |  |  |
|          | 46                         |                    |              |              |                                     |          |  |              |  |                   |  |  |  |  |
|          | 47                         |                    |              |              |                                     |          |  |              |  |                   |  |  |  |  |
|          | 48                         |                    |              |              |                                     |          |  |              |  |                   |  |  |  |  |
|          | 49                         |                    | Ш            |              |                                     |          |  | $oxed{\Box}$ |  |                   |  |  |  |  |
|          | 50                         |                    |              |              | -                                   |          |  |              |  |                   |  |  |  |  |

| Claim    | Γ        |   |              |              | Dat      | ρ.   |          |          |          | 1 | Cla      | aim.     |                 | -        |          |          | Date     | P.            |          |       | _            |
|----------|----------|---|--------------|--------------|----------|--|----------|----------|----------|---|----------|----------|-----------------|----------|----------|----------|----------|---------------|----------|-------|--------------|
|          | ١.       |   | Т            | т            | ŢŢ,      | Ť  | Г        | Г        | Г        | i |          | <u> </u> |                 |          | Г        | Γ.       |          | Ť             | Г        |       | Г            |
| Original | 上了%      |   |              | :<br>:       |          |  |          |          |          |   | Final    | Original |                 |          |          |          |          |               |          |       |              |
| 1        | V        |   |              |              |          |  |          |          | $\vdash$ |   |          | 51       |                 |          |          |          |          |               |          |       |              |
| 2        | 1        |   | Γ            | Г            | Ι        |  |          |          |          | 1 |          | 52       |                 |          |          |          |          |               |          |       |              |
| 3        | П        |   | П            | П            | Г        |  | Г        | Г        | Π        | 1 |          | 53       |                 |          | Г        | Г        |          |               |          |       |              |
| 3 4      | П        |   | Г            | T            | Г        |  |          |          | 1        | ĺ |          | 54       |                 | Г        |          | _        | _        |               |          |       |              |
| 5        | し        |   |              |              | m        |  | T        | T        | Ħ        | ĺ |          | 55       |                 |          | _        |          | _        |               |          |       | $\vdash$     |
| 6        | Г        |   | T            | T            | T        |  | T-       | T-       |          | 1 |          | 56       |                 |          |          |          |          | T             |          | _     |              |
| 7        | Т        |   | Г            | _            | $\vdash$ |  | T        | T        | T        | 1 | -        | 57       |                 | Т        |          |          | _        |               |          |       | $\vdash$     |
| 8        |          |   |              |              |          |  |          |          | T        |   |          | 58       | T               | _        | $\vdash$ | $\vdash$ | Н        |               |          | _     | _            |
| 9        | Т        | Н |              |              |          | <del>                                     </del> | $\vdash$ |          | T        | 1 |          | 59       | Г               |          | _        | _        | <u> </u> | -             |          |       | _            |
| 10       |          |   | $\vdash$     |              | $\vdash$ | $\vdash$   |          |          | $\vdash$ | ĺ |          | 60       |                 |          | $\vdash$ |          | _        |               |          |       | Т            |
| 11       |          |   |              |              |          |  | Γ        |          |          | 1 |          | 61       |                 |          | Г        |          |          |               |          |       |              |
| 12       |          |   | Г            |              |          |  |          |          |          | 1 |          | 62       |                 |          |          |          |          |               |          |       |              |
| 13       |          |   |              |              | Г        |  |          |          |          | 1 |          | 63       |                 |          |          |          |          |               |          |       |              |
| 14       |          |   |              |              |          |  |          |          |          | ] |          | 64       |                 |          |          |          |          |               |          |       |              |
| 15       |          | _ |              |              |          |  |          |          |          | ] |          | 65       |                 |          |          |          |          |               |          |       |              |
| 16       | V        |   |              |              |          |  |          |          |          |   |          | 66       |                 |          |          |          |          |               |          |       |              |
| 17       | $\Box$   |   |              | L            |          |  |          |          |          |   |          | 67       |                 |          |          |          | L        |               |          |       |              |
| 18       |          |   | L            | L            | L        | L  | <u>_</u> | L        | L        |   |          | 68       |                 |          |          |          |          | L             |          |       |              |
| 19       | <u>ب</u> | _ | L            | _            | <u> </u> | L  | L        |          | L        |   |          | 69       |                 |          |          |          |          | L             | L        |       |              |
| 20       | Ш        |   | L            | _            | L        | _  | <u>_</u> | L        | L        |   |          | 70       | _               |          |          | <u> </u> | L        | L             |          |       |              |
| 21       | Ш        | _ | _            | _            | _        | L  | L        | _        |          |   |          | 71       | _               |          |          |          | L        | _             | _        |       |              |
| 22       | Ш        | _ | _            | _            | _        | L  | <u> </u> | _        | _        |   |          | 72       |                 |          |          | $\Box$   | _        | _             | _        |       | $oxed{oxed}$ |
| 23       | <b>!</b> |   | _            | _            | <u> </u> | <u> </u>   | <u> </u> | <u> </u> | <u> </u> |   |          | 73       |                 |          |          | L.       | _        | L             |          |       |              |
| 24       | -        | _ | <u> </u>     | ⊢            | <u> </u> | <u> </u>   | <u> </u> | _        | <u> </u> | l | <u> </u> | 74       |                 |          |          | <u> </u> | L        | <u> </u>      | _        |       |              |
| 25       | -        |   | ├            | -            | _        | ┡  | <u> </u> | _        | _        | l |          | 75       |                 | _        | _        |          |          | <u> </u>      |          | _     | _            |
| 26<br>27 |          | _ | ├-           | -            | -        | _  | _        | ⊢        | -        | l | <u> </u> | 76<br>77 | Н               |          |          | _        | _        | -             | -        |       |              |
| 28       | V        |   | -            | -            | ⊢        | ⊢  | -        | $\vdash$ | ⊢        | ł | $\vdash$ | 78       | H               |          |          | _        | H        | -             | _        |       |              |
| 29       | H        |   | <del> </del> | <del> </del> | ⊢        | ├  | ╌        | ⊢        | ┢        |   |          | 79       | -               |          | _        |          | -        | -             | _        |       |              |
| 30       | Н        | - | ├-           | -            | ⊢        | ┝  | -        | -        | ⊢        | ł |          | 80       | -               | _        | _        | -        | H        |               |          |       | -            |
| 31       | $\vdash$ | - | -            | $\vdash$     | $\vdash$ | ├  | ┥        | ├        | $\vdash$ | ł | -        | 81       | $\vdash$        | _        | _        | _        |          | -             |          |       |              |
| 32       | -        |   | $\vdash$     | ┢            | $\vdash$ | ┢  | -        | _        | ⊢        |   |          | 82       | -               | _        |          | -        | -        | $\vdash$      | $\vdash$ |       |              |
| 33       |          | - | ┢            | -            | -        |  | -        |          | 1        | ĺ | $\vdash$ | 83       | Н               | -        |          | -        | H        | _             |          |       |              |
| 34       |          |   | -            |              |          | _  | $\vdash$ | $\vdash$ | $\vdash$ |   |          | 84       | Н               | -        | _        |          |          |               |          | -     | -            |
| 35       |          |   |              |              |          |  | 1        |          | <u> </u> |   |          | 85       |                 | _        |          | _        |          | -             |          |       |              |
| 36       |          |   |              |              | $\vdash$ |  |          |          |          |   |          | 86       | $\vdash$        | _        |          | _        |          | _             |          |       |              |
| 37       | П        |   |              |              |          |  |          | Г        |          |   |          | 87       |                 |          |          |          |          |               |          |       |              |
| 38       |          |   |              |              |          |  | Г        |          |          |   |          | 88       |                 |          |          |          |          | $\overline{}$ |          |       |              |
| 39       |          |   |              |              |          |  |          |          |          |   |          | 89       |                 |          |          |          |          |               |          |       |              |
| 40       |          |   |              |              |          |  |          |          |          |   |          | 90       |                 |          |          |          |          |               |          |       |              |
| 41       |          |   |              |              |          |  |          |          |          |   |          | 91       |                 |          |          |          |          |               |          |       |              |
| 42       |          |   |              |              |          |  |          |          |          |   |          | 92       |                 |          |          |          |          |               |          |       |              |
| 43       |          |   |              |              |          |  |          |          |          |   |          | 93       |                 |          |          | _        |          |               |          |       |              |
| 44       | $\perp$  |   |              |              |          |  |          |          |          |   |          | 94       |                 |          |          |          |          |               |          |       |              |
| 45       | Ш        |   | Ш            | Щ            | Щ        |  | L.       | <u> </u> | Ш        |   |          | 95       | $\square$       | _        |          |          |          |               |          |       |              |
| 46       | $\sqcup$ |   | Щ            | $\vdash$     | Щ        | Ш  | Щ.       | Ш        | Ш        |   |          | 96       |                 | _        | _        |          |          | Щ             |          | _     |              |
| 47       | Ш        |   | Щ            | Ш            | Ш        | $\square$  | <u> </u> |          | Щ        |   |          | 97       | $\sqcup$        | _        |          |          |          | $\sqcup$      | Щ        | _     | Ш            |
| 48       | $\vdash$ | _ | $\vdash$     | $\vdash$     | Н        |  | <u> </u> | <u> </u> | Ь        |   |          | 98       | $\vdash \dashv$ |          | $\dashv$ |          | Щ        |               |          |       | $\square$    |
| 49<br>50 |          | _ | Щ            |              |          | $\sqsubseteq$                                    | H        | _        | -        |   | <b></b>  | 99       |                 | $\dashv$ | _        | _        | _        | -             | Щ        | _     | _            |
| 1 20     |          |   | لـــا        |              | ш        |  |          | Щ.       |          |   | L        | 100      |                 |          |          | _        |          |               |          | اــــ |              |

| Cla  | aim   | Г        |                |  | 1            | Date     | <u> </u>   |              |              |          |
|--|---|----------|----------------|--|--------------|----------|--|--------------|--------------|----------|
|  |   |          |                | Г  | П            |          | Г  |              |              | П        |
| a  | Original  |          |                |  |              |          |  |              |              |          |
| Final  | rig   | ı        |                |  |              |          |  |              |              |          |
| _  | 0   | i        |                |  |              | 1        |  |              |              |          |
|  | 101   |          | $\vdash$       | $\vdash$   |              |          |  |              | H            | Н        |
|  | 101<br>102  | $\vdash$ | $\vdash$       | -  | ╁            | ╁        | -  | -            | -            | Н        |
|  | 102   | ┝        | -              | -  | -            | ┢        | ┢  | ┢            |              | Н        |
| <del></del>                                      | 103   |          | ┢              | ┢  | H            |          | $\vdash$   | ┢            |              | Н        |
|  | 103<br>104<br>105   | ⊢        | ⊢              | ⊢  | ⊢            | H        | -  | ⊢            | -            | Н        |
| -  | 105   | -        | ├-             |  | -            | -        |  | -            | ⊢            | Н        |
| <u> </u>   | 106   | ┝        | ├-             | ⊢  | ├            | ⊢        | <del> </del>                                     | <u> </u>     | -            | Н        |
| $\vdash$   | 107   | ⊢        | ├—             |  | ⊢            | <u> </u> | <del> </del>                                     | <u> </u>     | _            | Н        |
|  | 108   | ļ        | <u> </u>       | ┡  | ┡            | ┡        | ┡  | ┡            | L            | $\vdash$ |
|  | 109   |          | Ļ              | <u> </u>   | _            | <u> </u> | <u> </u>   | _            | <u> </u>     | Ш        |
|  | 110<br>111  | L.       |                | _  |              | _        |  | _            | $oxed{oxed}$ | Ш        |
|  | 111   | L        |                | _  | L            |          | 匚  | _            | $oxed{oxed}$ | Ш        |
|  | 112   | _        |                | L  |              | 1_       | _  | <u></u>      | _            | Ш        |
|  | 112<br>113  |          | Ĺ              | L  | L            |          | L  |              |              | Ш        |
|  | 114   | Ĺ        |                |  |              |          |  |              | $L^{-}$      |          |
|  | 115   |          |                |  |              |          |  |              |              |          |
|  | 116   |          |                |  |              |          |  |              |              | П        |
|  | 117   |          |                |  |              |          | $\Box$   |              |              | П        |
|  | 118   |          | -              | ┪  | <b>!</b>     |          |  |              |              | П        |
| $\vdash$   | 119   |          |                |  |              | $\vdash$ |  |              | H            | Н        |
|  | 120   | -        | ╁              | ┢  | ┢            | _        | 1  | -            | ┢            | Н        |
|  | 121   | <u> </u> | ├              | ┢  | ┢            | ⊢        | ┢  | ⊢            | $\vdash$     | Н        |
|  | 122   | $\vdash$ | ┢              | ⊢  | $\vdash$     | -        | -  | ⊢            | -            | Н        |
|  | 122   | ├        | ⊢              | $\vdash$   | ⊢            | ⊢        | -  | -            | -            | Н        |
| _  | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 | -        | -              | _  | _            |          | -  | -            | -            | Н        |
|  | 124   | <u> </u> | <u> </u>       | ├  | <del> </del> | _        | <del> </del> —                                   | <del> </del> | _            | $\vdash$ |
| $\vdash$   | 125   | _        | <u> </u>       | <u> </u>   | <u> </u>     | ļ        | <u> </u>   | <u> </u>     |              | Ш        |
|  | 126   | _        | ╙              | <u> </u>   | <u> </u>     | ļ        | _  | L            | _            | Щ        |
|  | 127   |          | _              | <u> </u>   | <u> </u>     | L        | _  | L            | _            | Ш        |
|  | 128   |          | _              | <u> </u>   | L            | Ш        | L  | L            |              | Ш        |
|  | 129   |          | <u> </u>       | _  | L            |          | <u> </u>   |              |              | Щ        |
|  | 130   |          |                | L  | L            |          | L  |              |              | Ш        |
|  | 131   |          |                | L  |              |          | L  |              |              |          |
|  | 132<br>133  |          |                |  |              |          |  |              |              |          |
|  | 133   |          |                |  |              |          |  |              |              |          |
|  | 134   |          |                |  |              |          |  |              |              |          |
|  | 135   |          |                |  |              |          |  |              |              |          |
|  | 135<br>136  |          |                |  |              |          |  |              |              |          |
|  | 137   |          |                |  |              |          |  |              |              | П        |
|  | 138<br>139  |          |                |  |              |          |  |              |              | П        |
|  | 139   |          |                |  | _            |          | _  |              | П            | М        |
|  | 140   |          | $\vdash$       | _  | $\vdash$     |          | $\vdash$   |              | _            | Н        |
| $\vdash$   | 141   | $\vdash$ | $\vdash$       | <del>                                     </del> | $\vdash$     |          | $\vdash$   | $\vdash$     | Н            | Н        |
|  | 142   |          | <u> </u>       | $\vdash$   | $\vdash$     | $\vdash$ | <del>                                     </del> | $\vdash$     | <del></del>  | Н        |
| <del>                                     </del> | 143   | _        | $\vdash$       | -  | $\vdash$     | -        | $\vdash$   | -            | Ι            | Н        |
| $\vdash \dashv$                                  | 144   |          | $\vdash$       | $\vdash$   | ├            | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$     | Н        |
|  | 145   | -        | $\vdash$       | $\vdash$   | -            | -        | $\vdash$   | H            | $\vdash$     | $\vdash$ |
| $\vdash$   |   | -        | $\vdash$       | <u> </u>   | <u> </u>     | $\vdash$ | $\vdash$   | ┝┈           | Н            | Н        |
|  | 146   | _        | <del>  -</del> | <u> </u>   | Ι—           | $\vdash$ | <u> </u>   | -            |              | H        |
|  | 147   | -        | _              | <b>-</b>   | -            | Ш        | <u> </u>   | <u> </u>     | <u> </u>     | Н        |
|  | 148   |          |                | _  | L.           |          | Щ  |              | _            | Ш        |
|  | 149   |          | oxdot          | Ц.   | Щ            |          | L_   |              |              | Щ        |
|  | 150   |          |                |  |              |          |  |              |              |          |